

CLAIMS

What is claimed is:

1. A seed having a characteristic of resistance to at least two herbicides.
2. A plant produced by growing the seed of claim 1.
3. The plant of claim 2, wherein said plant is selected from a group consisting of corn, cotton, soybeans, canola, sunflowers, sorghum, wheat, triticales, barley, alfalfa, tomatoes, peppers, broccoli, rose, impatiens, carnation, geraniums and petunia.
4. Pollen of the plant of claim 2.
5. Ovule or ovules of the plant of claim 2.
6. Tissue culture of the plant of claim 2.
7. A plant regenerated from the tissue culture of claim 6.
8. A method to produce a hybrid seed comprising crossing a first parent plant with a second parent plant and harvesting the resultant F_1 hybrid seed, wherein said first or second parent plant is the plant of claim 2.
9. A first generation (F_1) hybrid plant produced by growing said hybrid seed of claim 8.
10. Progeny of the plant of claim 9.
11. A soybean seed having a characteristic of resistance to at least two herbicides.
12. A soybean plant produced by growing the seed of claim 11.
13. The soybean plant of claim 12, wherein said plant has a commercially acceptable grain yield.
14. Pollen of the plant of claim 12.
15. Ovule or ovules of the plant of claim 12.
16. Tissue culture of the plant of claim 12.
17. A soybean plant regenerated from the tissue culture of claim 16.
18. A method to produce a hybrid soybean seed comprising crossing a first parent soybean plant with a second parent soybean plant and harvesting the resultant

F₁ hybrid soybean seed, wherein said first or second parent soybean plant is the soybean plant of claim 12.

19. A first generation (F₁) hybrid soybean plant produced by growing said hybrid soybean seed of claim 18.

20. Progeny of the plant of claim 19.

21. The soybean seed of claim 11, wherein said seed has a characteristic of resistance to ALS inhibitor and glufosinate herbicides.

22. The soybean seed of claim 11, wherein said seed has a characteristic of resistance to glyphosate and glufosinate herbicides.

23. The soybean seed of claim 11, wherein said seed has a characteristic of resistance to ALS inhibitor and isoxoflutole herbicides.

24. The soybean seed of claim 11, wherein said seed has a characteristic of resistance to glyphosate and isoxoflutole herbicides.

25. The soybean seed of claim 11, wherein said seed has a characteristic of resistance to glufosinate and isoxoflutole herbicides.

26. The soybean seed of claim 11, wherein said seed has a characteristic of resistance to atrazine and ALS inhibitor herbicides.

27. The soybean seed of claim 11, wherein said seed has a characteristic of resistance to atrazine and glyphosate herbicides.

28. The soybean seed of claim 11, wherein said seed has a characteristic of resistance to atrazine and glufosinate herbicides.

29. The soybean seed of claim 11, wherein said seed has a characteristic of resistance to atrazine and isoxoflutole herbicides.

30. The soybean seed of claim 11, wherein said seed has a characteristic of resistance to atrazine, ALS inhibitor and glyphosate herbicides.

31. The soybean seed of claim 11, wherein said seed has a characteristic of resistance to atrazine, ALS inhibitor and glufosinate herbicides.

32. The soybean seed of claim 11, wherein said seed has a characteristic of resistance to atrazine, ALS inhibitor and isoxoflutole herbicides.

33. The soybean seed of claim 11, wherein said seed has a characteristic of resistance to atrazine, glyphosate and glufosinate herbicides.

34. The soybean seed of claim 11, wherein said seed has a characteristic of resistance to atrazine, glyphosate and isoxoflutole herbicides.

35. The soybean seed of claim 11, wherein said seed has a characteristic of resistance to ALS inhibitor, glyphosate and glufosinate herbicides.

36. The soybean seed of claim 11, wherein said seed has a characteristic of resistance to ALS inhibitor, glyphosate and isoxoflutole herbicides.

37. The soybean seed of claim 11, wherein said seed has a characteristic of resistance to ALS inhibitor, glufosinate and isoxoflutole herbicides.

38. The soybean seed of claim 11, wherein said seed has a characteristic of resistance to atrazine, glufosinate and isoxoflutole herbicides.

39. The soybean seed of claim 11, wherein said seed has a characteristic of resistance to atrazine, ALS inhibitor, glyphosate and glufosinate herbicides.

40. The soybean seed of claim 11, wherein said seed has a characteristic of resistance to atrazine, ALS inhibitor, glyphosate and isoxoflutole herbicides.

41. The soybean seed of claim 11, wherein said seed has a characteristic of resistance to ALS inhibitor, glyphosate, glufosinate and isoxoflutole herbicides.

42. The soybean seed of claim 11, wherein said seed has a characteristic of resistance to glyphosate, ALS inhibitor, glufosinate and isoxoflutole herbicides.

43. The soybean seed of claim 11, wherein said seed has a characteristic of resistance to atrazine, glyphosate, ALS inhibitor, glufosinate and isoxoflutole herbicides.

44. A method of introducing the characteristic of herbicide resistance into a soybean plant comprising:

- a) crossing a soybean plant having resistance to at least two herbicides with another soybean plant;
- b) developing base populations;
- c) evaluating individual plants; and
- d) selecting individual plants having a characteristic of resistance to at least two herbicides.

45. The method of claim 44, wherein said plant is resistant to an ALS inhibitor herbicide.
46. The method of claim 44, wherein said plant is resistant to a glyphosate herbicide.
47. The method of claim 44, wherein said plant is resistant to a glufosinate herbicide.
48. The method of claim 44, wherein said plant is resistant to an isoxoflutole herbicide.
49. The method of claim 44, wherein said plant is resistant to an atrazine herbicide.